

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet / 1 of 2

*Complete if Known*

Application Number	10/663,749
Confirmation Number	5604
Filing Date	September 17, 2003
First Named Inventor	TANABE, Tadashi
Art Unit	1644
Examiner Name	Kim, Y.
Attorney Docket Number	Q77569

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
	US				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>4</sup>
YK		Weksler, Heparin and Acidic Fibroblast Growth Factor Interact to Decrease Prostacyclin Synthesis in Human Endothelial Cells by Affecting Both Prostaglandin H Synthase and Prostacyclin Synthase; <i>J. Cell. Physiol.</i> , 142(3):514-522 (1990)	
		Hara et al., Isolation and Molecular Cloning of Prostacyclin Synthase from Bovine Endothelial Cells, <i>J. Biol. Chem.</i> 269:19897-19903 (1994)	
		Smith et al., Bimodal Distribution of the Prostaglandin I <sub>2</sub> Synthase Antigen in Smooth Muscle Cells, <i>J. Biol. Chem.</i> , 258(9):5922-5926 (1983)	
		Smith et al., Purification, Quantitation, and Localization of PG <sub>I</sub> <sub>2</sub> Synthase Using Monoclonal Antibodies, <i>Adv Prostaglandin Thromboxane Leukot Res.</i> 11:87-92 (1983)	
		S. Moncada, Eighth Gaddum Memorial Lecture. University of London Institute of Education, December 1980. Biological importance of prostacyclin. <i>Br J Pharmacol.</i> 76(1):3-31 (1982).	
		Gorman et al., Agonist-Specific Desensitization of PG <sub>I</sub> <sub>2</sub> -Stimulated Cyclic AMP Accumulation by PGE <sub>1</sub> In Human Foreskin Fibroblasts, <i>Prostaglandins</i> , 19(1):2-16 (1980).	
		Cytochrome P-450, Biochemistry, Biophysics and Environmental Implications, Proceedings of the 4 <sup>th</sup> International Conference on Cytochrome P-450 held in Kuopio, Finland, May 31-June 3, 1992, E. Hietanen et al., eds, pp. 103-106, 1982.	
		DeWitt et al., Purification of Prostacyclin Synthase from Bovine Aorta By Immunoaffinity Chromatography, <i>J. Biol. Chem.</i> , 258(5):3285-93 (1983).	
		M. Inoue, Molecular Characterization of the Prostacyclin Synthase, <i>Adv Prostaglandin Thromboxane Leukot Res.</i> 17A:29-33 (1987).	
		Pereira et al., Bovine Prostacyclin Synthase: Purification and Isolation of Partial cDNA, <i>Biochem. Biophys. Res. Comm.</i> 197(3):1041-1048 (1993)	
		T. Shimizu, Structure-function relationships of membrane-bound heme-enzyme, cytochrome P450, Institute for Chemical Reaction Science, Tohoku University, pp. 10-15, 1992	
YK		Salmon et al., Preparation and Assay of Prostacyclin Synthase, <i>Methods in Enzymology</i> , 86:91-99 (1982)	

Examiner Signature

Date Considered

1/26/06

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<i>YK</i>		Tanabe et al., Molecular Cloning of Prostacyclin Synthase From Bovine Endothelial Cells, in Eicosanoids & Other BioActive Lipids in Cancer, Inflammation and Radiation Injury, 3 <sup>rd</sup> Int'l Conf., Georgetown Conference Center, Washington D.C., pp 137, Oct. 13-16, 1993					
		Tanabe et al., Advances in Prostaglandin, Thromboxany and Leukotriene Research, Vol. 23, 1995, pp. 133-135					
		Govindarajan et al, Immunohistochemical distribution of renal prostaglandin endoperoxide synthase and prostacyclin synthase: diminished endoperoxide synthase in the hepatorenal syndrome. <i>Hepatology</i> 7(4):654-659 (1987)					
		Keirse et al., Does or can human placenta produce prostacyclin? <i>Placenta</i> 7(1):37-42 (1986)					
		Siegle et al, Characterization of monoclonal antibodies generated against bovine and porcine prostacyclin synthase and quantitation of bovine prostacyclin synthase, <i>FEBS Lett.</i> 347(2-3):221-5 (1994)					
		Dewitt et al., Monoclonal antibodies against PG12 synthase: an immunoradiometric assay for quantitating the enzyme. <i>Methods Enzymol.</i> 86:240-246 (1982)					
		Moonen et al., Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. <i>Eur J Obstet Gynecol Reprod Biol.</i> 19(3):151-158 (1985)					
		Harlow et al, Antibodies a Laboratory Manual, Cold Spring Harbor Laboratories, 1989, Chap. 8, pp. 283-318					
		Satoh et al., Role of prostaglandins in pregnancy-induced hypertension, <i>Am. J. Kidney</i> , 17(2):133-138 (1991)					
		Gryglewski et al., Prostacyclin and Vascular Disease, <i>Philos. Trans. R. Soc. Lond. B. Biol. Sci.</i> , 294(1072):383-388 (1981)					
<i>YK</i>		Pereira et al., Molecular Cloning and Characterization of Bovine Prostacyclin Synthase, <i>Biochem. Biophys. Res. Commun.</i> 203(1):59-65 (1994)					

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>4/26/06</i>
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